



Providing consulting services in civil engineering  
for over 75 years

**IGH is the leading consulting company in the field of civil engineering in the Republic of Croatia and the region.**

We offer a wide range of engineering and consulting services enabling us to provide comprehensive support to our clients in development of large-scale infrastructure and investment projects.

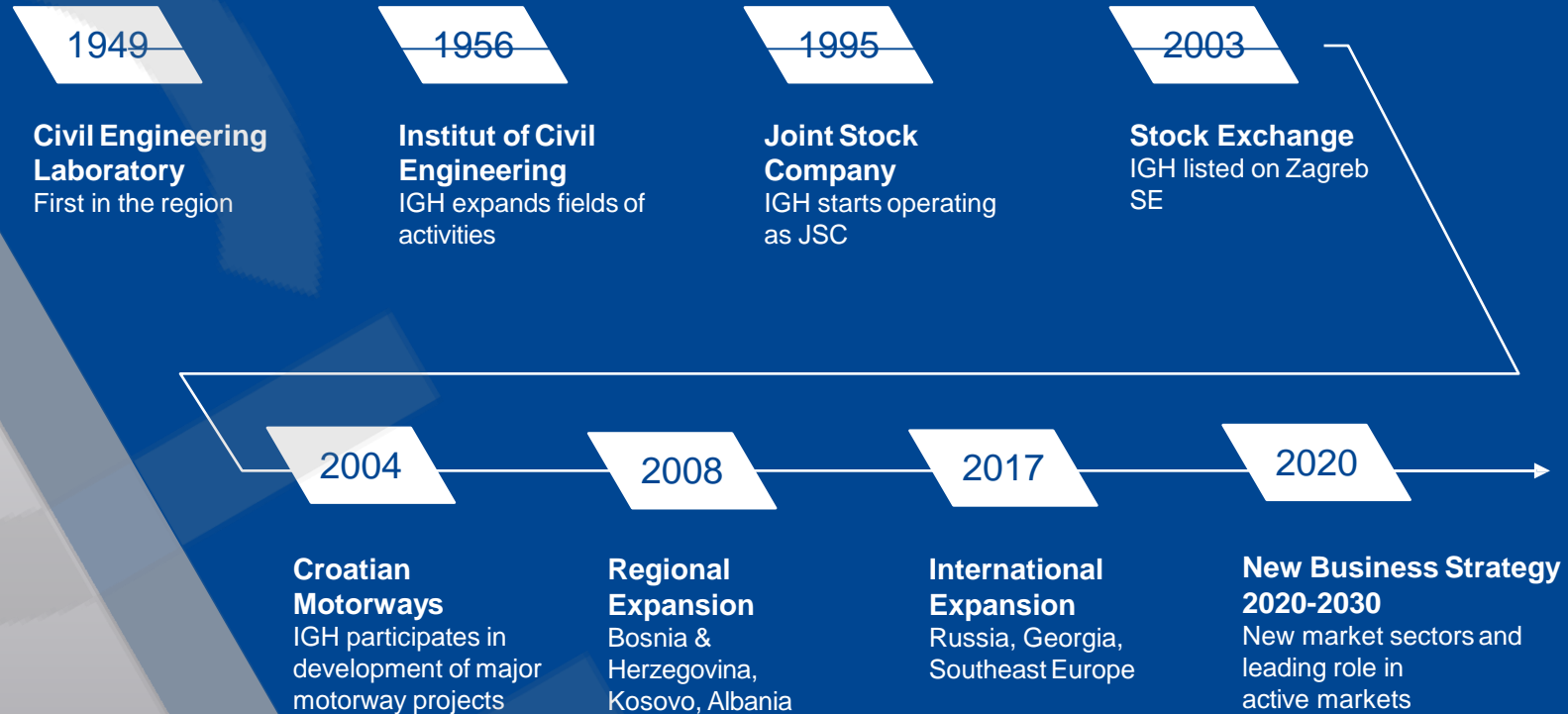


# History



**IGH was founded as a Civil Engineering Laboratory in 1949 and has over time become one of the largest regional engineering companies.**

IGH has been providing consulting services in design, supervision, project management and laboratory testing for majority of infrastructure projects in Croatia and some of the major infrastructure projects in the region.



**120**

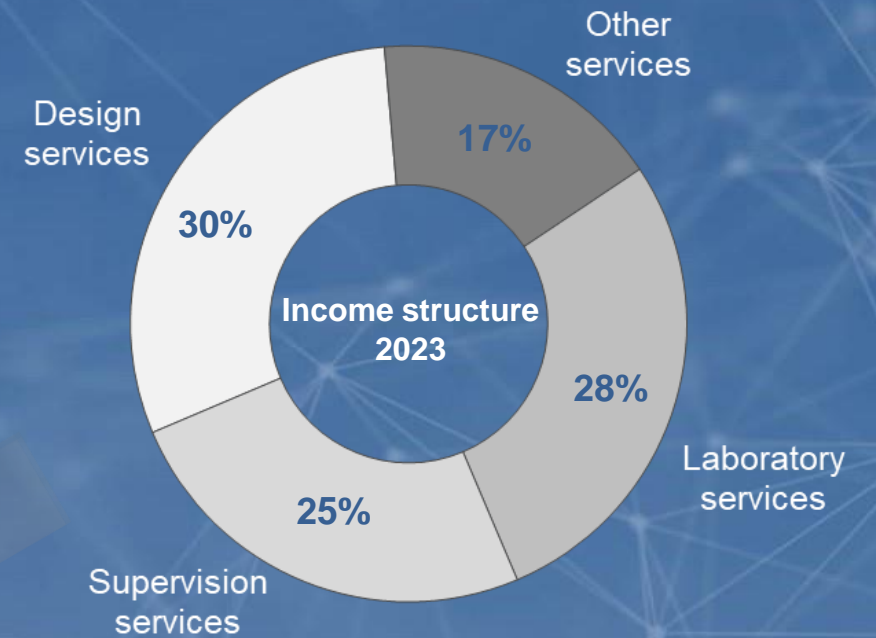
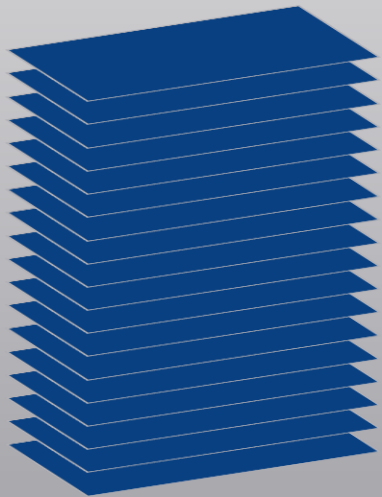
New contracts in 2023

**19.8**

MEUR value of new contracts in 2023

INCOME in 2023  
(MEUR)

**25.1**



# Our Sectors



Roads



Engineering Structures



Ports

IGH provides services in a number of sectors relevant for today's society. We are dedicated to providing innovative approach and new technologies in infrastructure, being one of the cornerstones of modern civilization.

Our references are testimony of our competences and confirm our position as market leader in the region.



Airports



Railways



Energy & Industry



Ecology & Environmental Protection

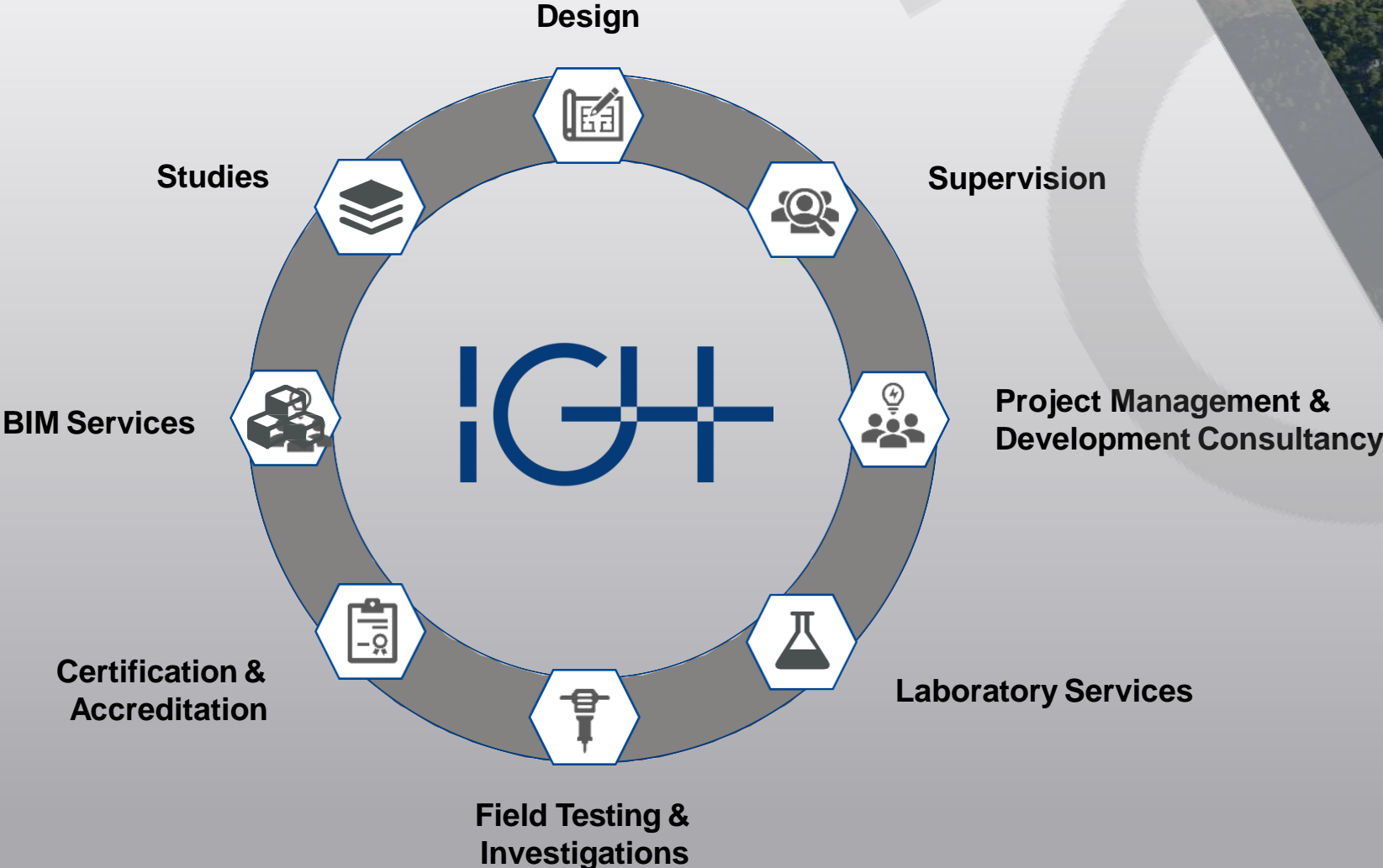


Water Engineering



Building Construction

# Our Services



# Our Markets



**Croatia**  
(head office in Zagreb)



**Italy**



**Armenia**  
(branch office in Yerevan)



**Egypt**



**Georgia**  
(branch office in Tbilisi)



**Montenegro**



**Bosnia and Herzegovina**  
(branch office in Mostar)



**Romania**



**Kosovo**  
(branch office in Pristina)



**Slovenia**



**Albania**  
(branch office in Tirana)



**Serbia**



**Hungary**  
(branch office in Szeged)



**Kazakhstan**



**North Macedonia**  
(branch office in Veles)



**Ukraine**





# Roads & motorways

# CROATIAN MOTORWAYS

1997 – 2018

**Description:** Croatian Motorway Network integrates:

- over 1250 km of motorways
- over 800 bridges
- 80 km of tunnels

The longest tunnels in Croatia are the part of this network and have received the Safest Tunnels Award in Europe in 2007 and 2008.

**Services:** Survey works, studies and planning documentation, project management and consultancy, design and design review, field investigations, technical supervision (FIDIC Red Book), quality control and laboratory services

**Total project value:** 6 BEUR



# A1 Motorway Zagreb - Split - Dubrovnik

**CROATIA** \ **2006 – 2013**

**Description:** Construction of section Ravča - Ploče 1

- total length: 21.1 km
- 6 viaducts
- 2 tunnels
- 5 overpasses
- 2 underpasses

**Services:** Conceptual, preliminary, main and detailed design, design supervision

**Total project value:** 287 MEUR



# Motorways in Bosnia & Herzegovina

2007 – ongoing

**Description:** Construction of motorways on Corridor Vc

- total length of approx. 122 km
- 13 tunnels
- 14 bridges and 27 viaducts
- 8 overpasses and underpasses

**Services:** Design, supervision

**Total project value:** 1 BEUR

## Tunnel Vijenac

**BOSNIA & HERZEGOVINA** \ **2010 – 2016**

**Description:** Construction of twin-tube tunnel Vijenac

- total length: 2,914 m (right tube) and 2,942 m (left tube)
- 2 traffic lanes in each tunnel tube
- 9 emergency pedestrian passages between both tubes
- 2 transverse links for emergency vehicles

**Services:** Consulting, technical supervision, quality control (FIDIC Red Book)

**Total project value:** 65 MEUR



# State Roads of Georgia

**2017 – 2020**

**Description:** Construction, rehabilitation and reconstruction of 4 road sections in total length of approx. 450 km

- Zemo Imareti - Racha
- Baghdati - Abastumani
- Sno - Omalo
- Lentekhi - Mestia

**Services:** Detailed design

**Total project value:** 509 MEUR

## International & state roads

**GEORGIA** \ **2017 – 2019**

**Description:** Maintenance, rehabilitation, reconstruction, modernization and construction of state road network

- total length: 456 km
- 2 lanes
- 71 bridges
- 2 tunnels

**Services:** Technical supervision

**Total project value:** 298 MEUR



# Motorways in Kosovo

2010 – 2018

## Route 6

**Description:** Construction of motorway Morine - Merdare, sections 1, 2, 3 & 9

- total length of 42 km
- 10 bridges
- 17 overpasses and 12 underpasses

**Services:** Geotechnical investigation works, preliminary, main and detailed design

**Total project value:** 283 MEUR

## Route 7

**Description:** Construction of motorway Pristina – Hani I Elezit, sections C1D, C1 and C2

- total length of 47.7 km
- 4 bridges, viaducts
- 13 overpasses and 15 underpasses

**Services:** Geotechnical investigation works, preliminary, main and detailed design

**Total project value:** app. 650 MEUR



# MOTORWAY IN ALBANIA

2007 – 2011

**Description:** Construction of motorway Rreshen - Kalimash

- total length: 60 km
- twin-tube tunnel in total length of 5.7 km
- 3 interchanges
- 29 bridges and viaducts in total length of 4.5 km

**Services:** Technical supervision (FIDIC Red Book), consulting, quality control, surveying works

**Total project value:** 830 MEUR





# Engineering structures

# Pelješac Bridge

CROATIA \ 2017 – 2022

**Description:** Construction of cable-stayed Pelješac bridge connecting the south of Croatia with the rest of state territory

- total length of 2.4 km
- total of 13 spans (largest span 285 m)
- 6 pylons with 98 m in height
- width: 22.5 m

**Services:** Technical supervision, quality control and control testing

**Total project value:** 274 MEUR



# Drava Bridge

CROATIA \ 2011 – 2019

**Description:** Construction of cable-stayed Drava bridge

- total length of 2.5 km
- central span: 220 m, lateral spans: 100 m
- pylon height: 75 m
- width: 28.6 m

**Services:** Design and design review, technical supervision, quality control and laboratory services

**Total project value:** 115 MEUR



# Tunnels Sveti Rok & Mala Kapela

CROATIA \ 2007 – 2009

**Description:** Construction of twin-tube tunnels on A1 Motorway Zagreb - Split - Dubrovnik

- Tunnel Mala Kapela in total length of 5.8 km (left tunnel tube)
- Tunnel Sveti Rok in total length of 5.7 km (left tunnel tube)

**Services:** Design, design supervision

**Total project value:** 105 MEUR



# Viaduct & Bridge Drežnik

CROATIA \ 2000 – 2001

**Description:** Construction of viaduct Drežnik and bridge Drežnik near Karlovac on A1 Motorway Rijeka - Zagreb

- total length of 2.5 km
- 427 drilled RC piles

**Services:** Supervision

**Total project value:** 75 MEUR





# Railways

# Railway Line Škrljevo - Rijeka - Jurdani - Šapjane

CROATIA  2016 – ongoing

**Description:** Reconstruction of existing track and construction of second track on railway line Škrljevo - Rijeka - Jurdani - Šapjane

- total length of 27.5 km
- maximum speed of 80 km/h
- 3 tunnels
- 3 large viaducts or bridges
- numerous overpasses and underpasses
- 70% of the route passes through the citytissue

**Services:** Feasibility study, environmental impact assessment, preliminary and main design

**Total project value:** 360 MEUR



# Railway Line Botovo - Zagreb - Rijeka

CROATIA  2008 – 2018

**Description:** Construction of railway line connecting Croatian border with Port of Rijeka

- total length of 158 km
- speeds of 160-200 km/h for passenger transport and 120 km/h speed for freight transport
- 4 large railway tunnels
- 4 major viaducts

**Services:** Conceptual, preliminary and detailed design, feasibility study, transport and traffic studies, environmental impact study

**Total project value:** 4 BEUR



## Railway Line Dugo Selo - Križevci

**CROATIA** 2009 – ongoing

**Description:** Reconstruction of existing track and construction of second track

- total length of 38.2 km
- 13 bridges
- 11 overpasses and 1 underpass

**Services:** Preliminary and main designs (2009-2013), detailed and as-built design (2016-ongoing)

**Total project value:** 167 MEUR

## Railway Line Savski Marof - Zagreb West Station

**CROATIA** 2020 – ongoing

**Description:** Reconstruction of double railway track

- total length of 17.8 km
- Financed by IBRD.

**Services:** Technical supervision

**Total project value:** 49 MEUR





# **Building construction**

# Gaženica Ferry Port & Terminal Building

CROATIA \ 2006 – 2017

**Description:** Construction of Gaženica Ferry Port with terminal building

- Total gross floor area of 24,537 m<sup>2</sup>
- Traffic areas with roads and parking areas of 10,104 m<sup>2</sup>
- Landscaped area of the surroundings of 12,773 m<sup>2</sup>
- 9 domestic ferry terminals
- 3 international ferry terminals
- Cruise home-port terminal 8,031 m<sup>2</sup>
- Administrations offices 3,116 m<sup>2</sup>

Financed by EIB and KfW.

**Services:** Conceptual, preliminary, main and detailed design, tender dossier

**Total project value:** 220 MEUR



# Ruđer Bošković Institute

CROATIA \ 2017 – 2020

**Description:** Reconstruction and construction of scientific research complex Ruđer Bošković Institute

**Services:** Consulting, design

**Total project value:** 72 MEUR



# Spaladium Arena

CROATIA \ 2007 – 2009

**Description:** Construction of multi-functional sports and entertainment hall in Split

**Services:** Conceptual, preliminary, main and detailed design, project management, technical supervision, cost control

**Total project value:** 63 MEUR

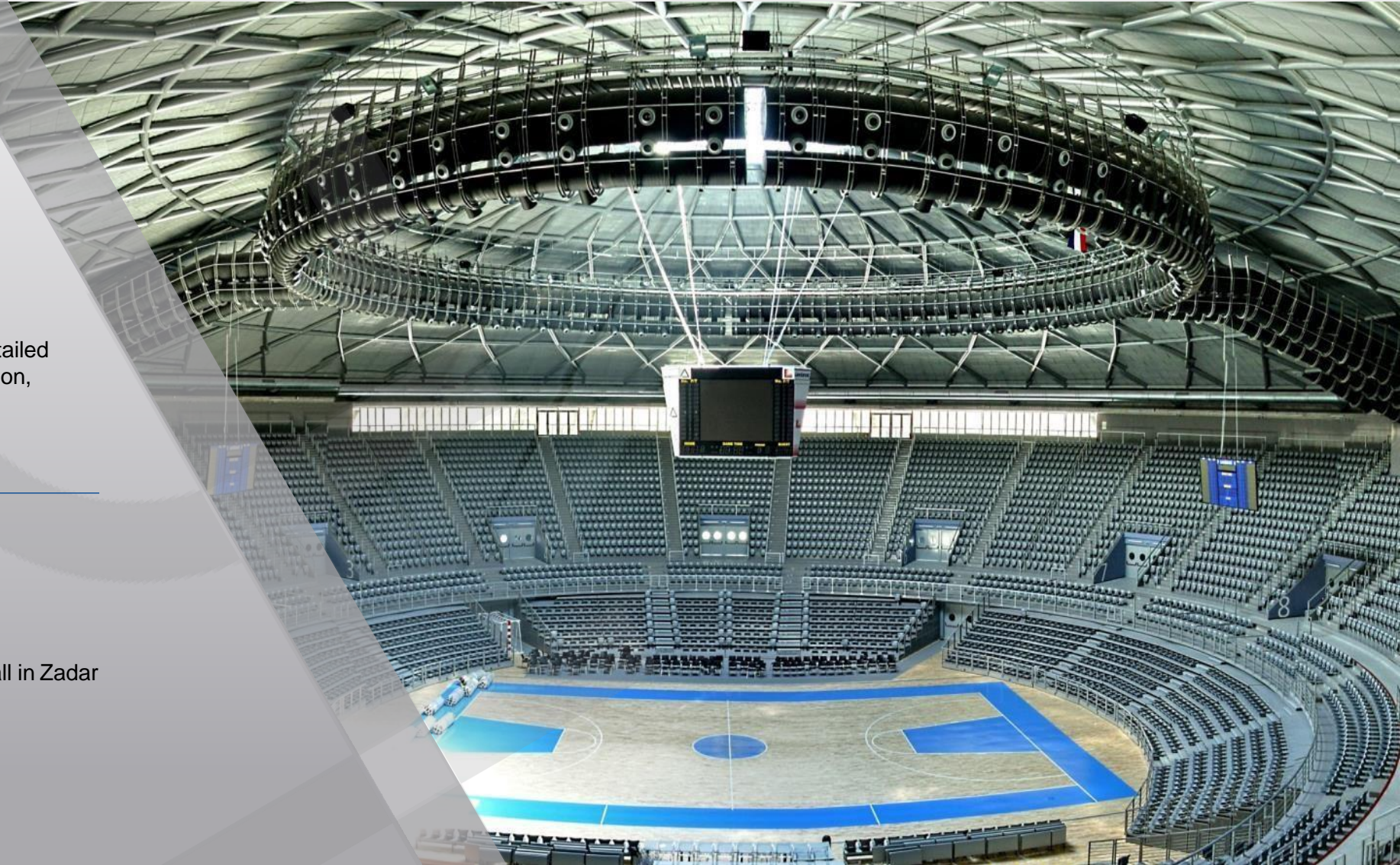
# Višnjik Arena

CROATIA \ 2004 – 2008

**Description:** Construction on multi-functional hall in Zadar

**Services:** Technical supervision, cost control

**Total project value:** 91 MEUR





# Projects in other sectors

# Zagreb International Airport

CROATIA \ 2013 – 2016

**Description:** Construction of new passenger terminal of International Airport „Franjo Tuđman” in Zagreb

- biggest airport in Croatia
- surface area of 65.000 m<sup>2</sup>
- capacity: 5 million passengers per year

**Services:** Preliminary, main and detailed design, project management

**Total project value:** 236 MEUR



# Nuclear Power Plant Krško

SLOVENIA \ 2015 – ongoing

**Description:** Rehabilitation and protection of concrete structures in NPP Krško

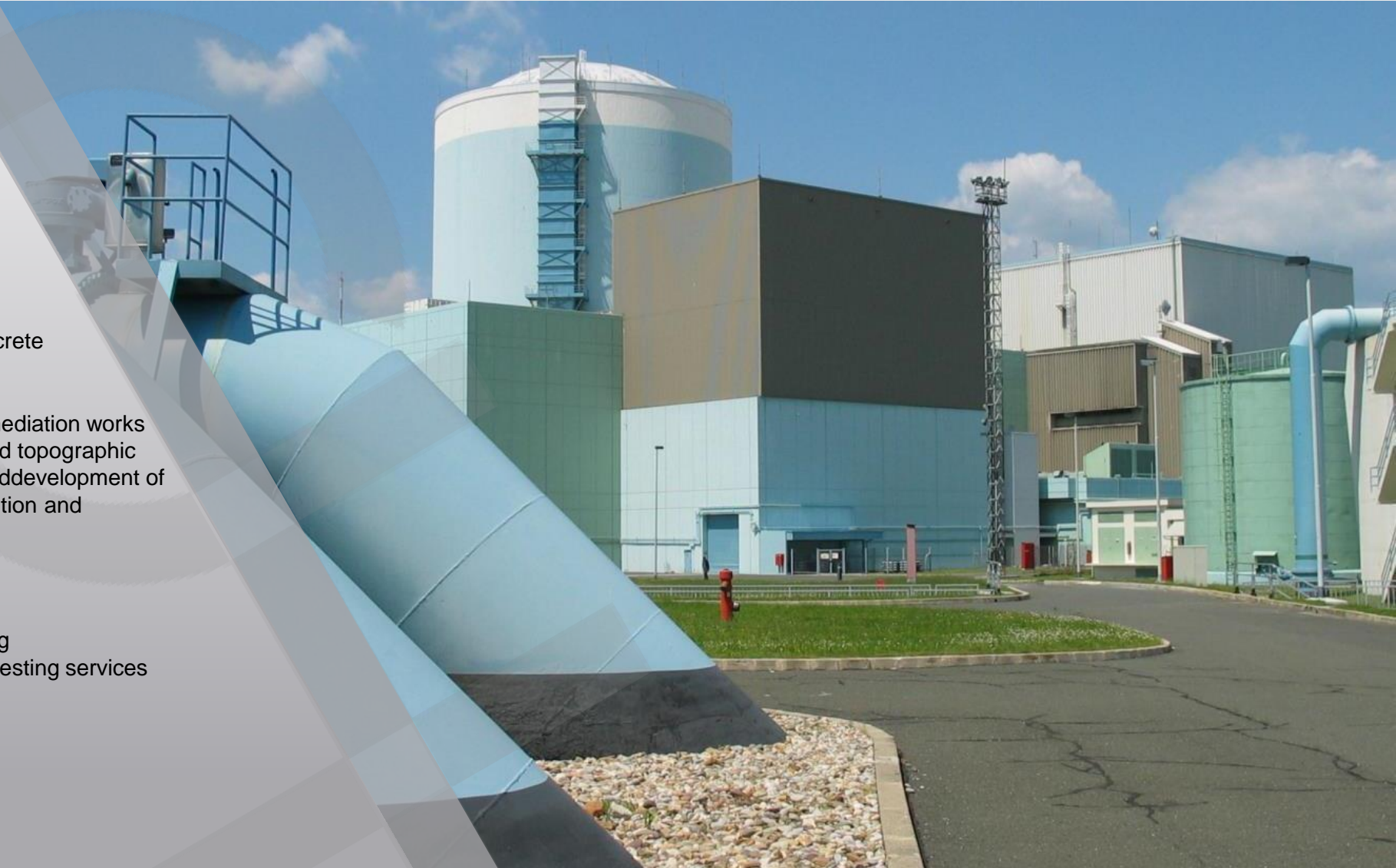
- total capacity: 688 MW

**Services:** Surveying works and cooling tower remediation works CT2, investigation works, technical supervision and topographic supervision of structures, situation assessment and development of a tower remediation study CT3, inspection of condition and preparation of remediation study CT1

**Description:**

- Construction of Bunker Building 2
- Construction of Spent Fuel Dry Storage Building

**Services:** Construction supervision and material testing services



# Wind Farm Senj

CROATIA \ 2019 – ongoing

**Description:** Construction of steel towers and tower foundation

• Total capacity: 39 x 4,0 MW = 156 MW

**Services:** Supervision

**Total project value:** 230 MEUR

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# Wind Energy Consulting

FINLAND, LITHUANIA, KOSOVO, AFGHANISTAN,  
UAE, SOUTH AFRICA \ 2020 – ongoing

**Description:** Master services agreement with one of the leading Original equipment manufacturer

**Services:** Technical due diligence/new countries compliance assessment



# Pliva Pharmaceutical Facility

CROATIA \ 2014 – 2015

**Description:**

- Cabin for sampling hazardous material
- New reloading ramp  
New building of Quality control
- Synthesis SM2 – Upgrade of API Site
- Project „R&D Pilot“

**Services:** Project management



# Port of Gruž Dubrovnik

CROATIA \ 2004 – 2011

**Description:** Reconstruction and extension of Port of Dubrovnik

- reconstruction of berths 7.8 and 9 with coast length of 327 m
- upgrade of operational shores berths 10-15 for reception of cruisers with length of 646 m
- reconstruction and extension of coastal gauze with length of 183 m

**Services:** Design and design review, project management, consultancy and technical supervision

**Total project value:** 28 MEUR



## Drainage system and WWTPs Poreč

CROATIA / 2016 – ongoing

**Description:** Construction and upgrade of drainage system and construction of 4 WWTPs

- drainage pipeline in total length of 77.8 km
- WWTPs with cumulative capacity of 137.500 PE

**Services:** Preliminary, main and detailed design

**Total project value:** 38 MEUR

## Zagreb Holding Water & Sewer Investment Project

CROATIA / 2008 – 2016

**Description:** Improvement of water and sewer infrastructure for the City of Zagreb

- 16 km water supply pipeline
- 40 km of sewage pipelines
- command building and chlorine station Petruševac
- Water Reservoir Cerje with capacity of 10,000 m<sup>3</sup>

Project financed by EBRD loan with FIDIC Conditions of Contract.

**Services:** Project management

**Total project value:** 40.7 MEUR



# Agglomeration Varaždin

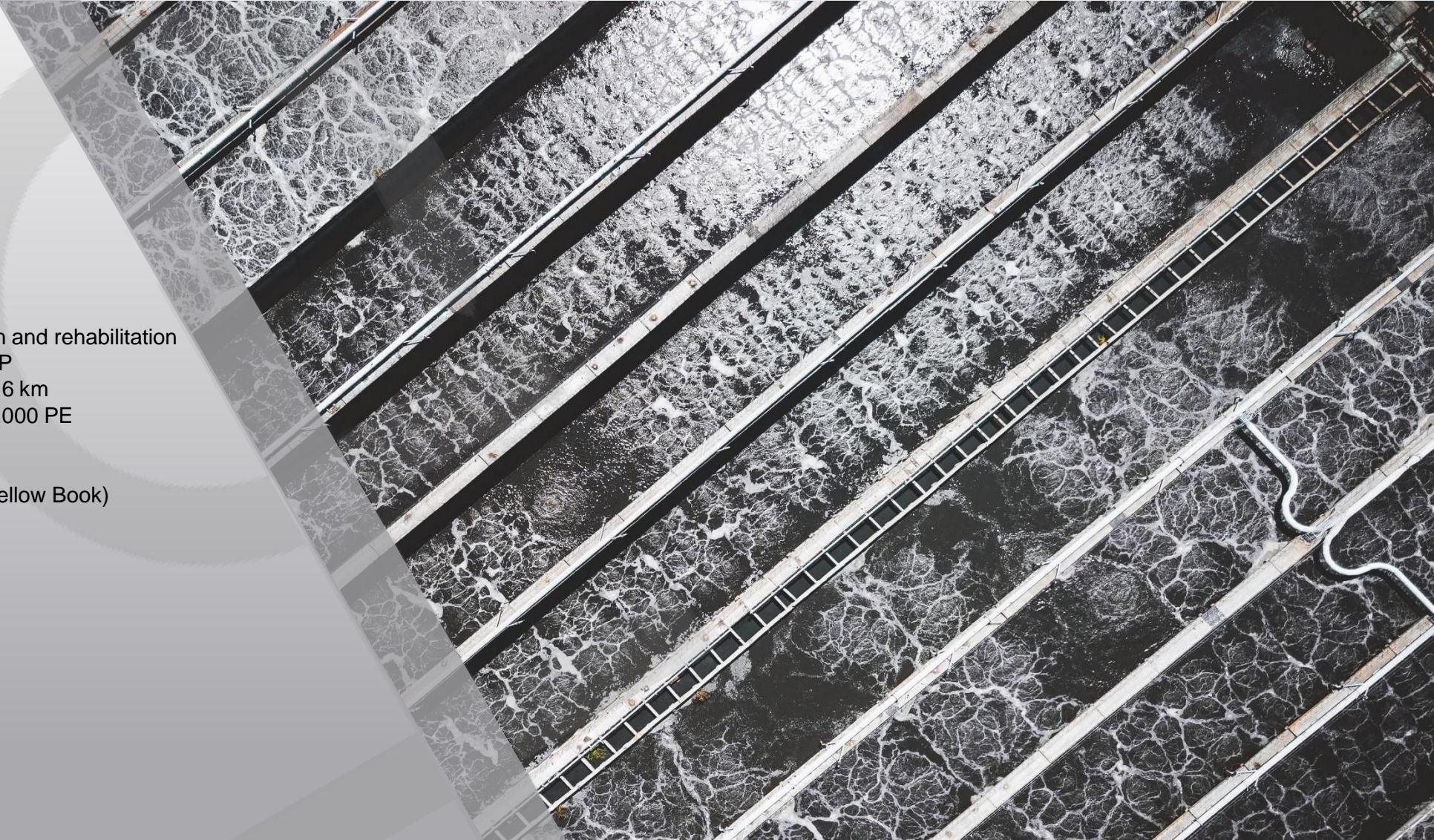
CROATIA \ 2017 – ongoing

**Description:** Construction, reconstruction and rehabilitation of drainage system and upgrade of WWTP

- drainage pipelines in total length 282.16 km
  - WWTP with 3<sup>rd</sup> degree of treatment, 127.000 PE
- Project financed by EU.

**Services:** Supervision (FIDIC Red and Yellow Book)

**Total project value:** 120 MEUR





**ISO 9001:2015**  
Quality Management System

**ISO 14001:2015**  
Environmental Management System

**ISO 45001:2018**  
Occupational Health and Safety Management System

**ISO 50001:2018**  
Energy Management System



# Partners & clients





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